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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/788,521

02/27/2004

Josef Chalupper

P04,0054

6889

26574

7590

08/04/2008

SCHIFF HARDIN, LLP
PATENT DEPARTMENT
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EXAMINER

MONIKANG, GEORGE C

ART UNIT

PAPER NUMBER

2615

MAIL DATE

DELIVERY MODE

08/04/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/788,521	Applicant(s) CHALUPPER ET AL.	
	Examiner GEORGE C. MONIKANG	Art Unit 2615	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 April 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) 2, 10 and 17-20 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 3-9 and 11-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☒ Certified copies of the priority documents have been received in Application No. 10/788,521.
3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>3/27/2006, 6/23/2004</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1, 3-9, 11-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Niederdrank, WO 02/28143 A2. (This reference is cited in IDS filed 3/27/2006).

Re Claim 1, Niederdrank discloses a method to automatically adjust a second hearing device (abstract), comprising: automatically analyzing a first hearing device that produces an analysis result (col. 4, lines 16-25) by providing an input signal to the first hearing aid device and analyzing a corresponding output signal of the first hearing aid device (col. 4, lines 25-47); determining setting parameters of the second hearing device based on the analysis result of the first hearing device (col. 4, lines 48-54); and adjusting the second hearing device based on the determined setting parameters (col. 4, lines 48-54).

However, Niederdrank fails to disclose calculating a transfer function of the first hearing aid device and basing the parameters of the second hearing aid device on the transfer function of the first hearing aid device. Official notice is taken that both the concepts and advantages of calculating the transfer function of audio signals are well known in the art. Thus it would have been obvious to calculate the transfer function of the first hearing aid device of Niederdrank and transmit it to the second hearing aid

device since the first hearing device of Niederdrank already transmits its settings to the second hearing aid for the benefit of analyzing the input-output relation of the signal.

Re Claim 3, Niederdrank discloses the method according to claim 1, wherein the analysis comprises reading the setting parameters from the first hearing device (fig. 2: 14; col. 4, lines 35-47).

Re Claim 4, Niederdrank discloses the method according to claim 1, wherein the automatic analysis comprises reading out setting parameters and simulating a behavior of the first hearing device with a simulation model (col. 4, lines 26-47).

Re Claim 5, Niederdrank discloses the method according to claim 1, further comprising making an acoustic measurement of the second hearing device after its adjustment (col. 4, lines 48-58).

Re Claim 6, Niederdrank discloses the method according to claim 1, further comprising utilizing a dynamic model for the adjusting of the second hearing device in which tuning events of the second hearing device are considered (col. 3, lines 35-50).

Re Claim 7, Niederdrank discloses the method according to claim 1, further comprising implementing audiological measurements and utilizing the audiological measurements for the adjusting of the second hearing device (col. 2, lines 18-23).

Re Claim 8, Niederdrank discloses the method according to claim 1, further comprising, after the adjustment, changing the setting parameters of the second hearing device based on determined setting parameters in a predetermined time span (col. 3, lines 51-57), to predefined setting parameters (col. 4, lines 48-58).

Claim 9 has been analyzed and rejected according to claim 1.

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Claim 11 has been analyzed and rejected according to claim 3.

Claim 12 has been analyzed and rejected according to claim 4.

Claim 13 has been analyzed and rejected according to claim 5.

Claim 14 has been analyzed and rejected according to claim 6.

Claim 15 has been analyzed and rejected according to claim 7.

Claim 16 has been analyzed and rejected according to claim 8.

Contact

Any inquiry concerning this communication or earlier communications from the examiner should be directed to GEORGE C. MONIKANG whose telephone number is (571)270-1190. The examiner can normally be reached on M-F. alt Fri. Off 7:30am-5:00pm (est).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chin Vivian can be reached on 571-272-7848. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/George C Monikang/
Examiner, Art Unit 2615

6/19/2008

/Vivian Chin/
Supervisory Patent Examiner, Art Unit 2615